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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/069,831	02/26/2002	Hidekazu Sato	9683/104	5382

7590 05/06/2005

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EXAMINER	
SHIN, KYUNG H	

ART UNIT	PAPER NUMBER
2143	

DATE MAILED: 05/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/069,831	SATO ET AL.	
	Examiner	Art Unit	
	Kyung H. Shin	2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *26 February 2002*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-26* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-26* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *26 February 2002* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☒ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *5/30/02, 7/12/04, 2/11/05, 4/11/05*
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. This action is responding to application papers filed 6/27/2001.

2. Claims **1 - 26** are pending. Independent claims are **1, 6, 11, 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26** .

Claim Rejection – 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1 - 26 are rejected under 35 U.S.C. 102(e) as being anticipated by Matsumoto et al. (US Patent No. 6,446,043).

Regarding claim 1, Matsumoto discloses a communication parameter setting method comprising the steps of:

a) transmitting from an information terminal a request signal for requiring a communication parameter to obtain service through a computer network to a server storing the communication parameter; (see col. 7, lines 14-16: request for communication parameter information transmitted to server)

b) receiving by the server the request signal; (see col. 7, lines 14-16: user request for communication parameter information received from client (i.e. information terminal))

c) transmitting from the server to the information terminal the communication parameter stored in the server in response to the received request signal; (see col. 5, lines 3-8; col. 7, lines 34-37: server transmits communication parameter information for processing)

d) receiving the transmitted communication parameter by the information terminal; (see col. 5, lines 3-8; col. 7, lines 34-37: client receives communication parameter information for processing) and

e) setting by the information terminal the received communication parameter to communication software installed in the information terminal. (see col. 7, lines 34-37: communications parameter information set in communications module (i.e. software) for communications)

Regarding claim 2, Matsumoto discloses the method of claim 1, wherein in the step of transmitting the request signal, software identification information (see col. 7, lines 56-52: communication means (i.e. software) identification information) to specify the communication software is transmitted together with the request signal, in the step of receiving the request signal, the transmitted software identification information is received together with the transmitted request signal, and in the step of transmitting the communication parameter, a communication parameter corresponding to the received

software identification information is extracted among communication parameters stored in the server, and the extracted communication parameter is transmitted to the information terminal. (see col. 7, lines 14-16; col. 7, lines 34-37: request for communication parameter information, communication parameter information retrieved, transmitted)

Regarding claim 3, Matsumoto discloses the method of claim 1, wherein in the step of transmitting the request signal, user identification information (see Matasmoto see col. 2, lines 46-49, col. 5, lines 13-19; col. 5, lines 35-37: user identification information used to locate communication parameter) specifying a user of the information terminal is transmitted together with the request signal, in the step of receiving the request signal, the transmitted user identification information is received together with the transmitted request signal, and in the step of transmitting the communication parameter, a communication parameter corresponding to the received user identification information is extracted among communication parameters stored in the server, and the extracted communication parameter is transmitted to the information terminal. (see col. 7, lines 14-16; col. 7, lines 34-37: request for communication parameter information, communication parameter information retrieved, transmitted)

Regarding claims 4, 9, Matsumoto discloses the method of claims 3, 8, wherein the user identification information is identification information to specify a communication apparatus used by the information terminal to communicate with the server. (see col. 2,

lines 46-49, col. 5, lines 13-19; col. 5, lines 35-37: user identification information used to locate communication parameter)

Regarding claims 5, 10, Matsumoto discloses the method of claims 4, 9, wherein the communication apparatus is a cellular phone served by a portable telephone network. (see col. 4, lines 44-47: wireless, portable telephone (i.e. cell phone) utilized for communications)

Regarding claim 6, Matsumoto discloses an information terminal comprising:

a) a transmitter for transmitting to a server a request signal requiring communication parameters to be set to a communication software installed in the information terminal to connect with a computer network; (see col. 7, lines 14-16: request for communication parameter information)

b) a receiver for receiving the communication parameter transmitted from the server in response to the transmitted request signal; (see col. 7, lines 34-37: server transmits communication parameter information for processing) and

c) setting means for setting the received communication parameter to the communication software. (see col. 7, lines 34-37: communications parameter information set in communications module (i.e. software) for communications)

Regarding claim 7, Matsumoto discloses the information terminal of claim 6, wherein the transmitter transmits software identification information to specify the

communication software together with the request signal. (see col. 7, lines 56-52: communication means (i.e. software) identification information to communication parameter information)

Regarding claim 8, Matsumoto discloses the information terminal of claim 6, wherein the transmitter transmits user identification information to specify a user of the information terminal together with the request signal. (see col. 2, lines 46-49, col. 5, lines 13-19; col. 5, lines 35-37: user identification information used to locate communication parameter information)

Regarding claim 11, Matsumoto discloses a server comprising:

a) a memory for storing communication parameters to obtain services through a computer network; (see col. 5, lines 3-5: memory within server used for communication parameter information (i.e. additional communications and identification information) storage)

b) a receiver for receiving a request signal requiring a communication parameter for an information terminal to obtain service through the computer network, when the information terminal transmits the request signal; (see col. 2, lines 46-49; col. 7, lines 14-16: request for communication parameter information)

c) extracting means for extracting the communication parameter from the memory in response to the received request signal; (see col. 7, lines 32-34: communication parameter information obtained from memory storage) and

d) a transmitter for transmitting the extracted communication parameter to the information terminal. (see col. 7, lines 34-37: communication parameter information transmitted and processed to enable communications)

Regarding claim 12, Matsumoto discloses the server of claim 11, wherein the memory stores communication parameters corresponding to software identification information to specify the communication software, the receiver receives the software identification information transmitted together with the request signal from the information terminal, and the extracting means extracts the communication parameter corresponding to the received software identification information. (see col. 7, lines 56-52; col. 7, lines 14-16; col. 7, lines 34-37: communication means (i.e. software) identity information used to locate communication parameter information, extract and process communication parameter information)

Regarding claim 13, Matsumoto discloses the server of claim 11, wherein the memory stores communication parameters corresponding to user identification information to specify a user of the information terminal, the receiver receives the user identification information transmitted together with the request signal from the information terminal, and the extracting means extracts the communication parameter corresponding to the received user identification information. (see col. 5, lines 13-19; col. 5, lines 35-37; col. 7, l ines 34-37: user identification information used to locate communication parameter, extract and process communication parameter information)

Regarding claim 14, Matsumoto discloses the server of claim 11, wherein the information terminal and the server are communicably connected to each other through a portable telephone network, the receiver receives through the portable telephone network, and the transmitter transmits the portable telephone network. (see col. 4, lines 44-47: wireless, portable telephone (i.e. cell phone) utilized for communications)

Regarding claim 15, Matsumoto discloses a program making a computer controlling an information terminal execute the steps of:

a) transmitting a request signal requiring a communication parameter to obtain service through a computer network to a server; (see col. 7, lines 14-16: request received for communication parameter information)

b) receiving the communication parameter transmitted from the server in response to the request signal; (see col. 7, lines 34-37: server transmits communication parameter information to be processed) and

c) setting the received communication parameter to communication software to be executed to obtain the service through the computer network. (see col. 7, lines 34-37: communications parameter set in communications module (i.e. software) for communications)

Regarding claim 16, Matsumoto discloses a program making a computer controlling an information terminal execute the steps of:

a) transmitting a software identification information specifying communication software to be executed to obtain service through a computer network and a request signal requiring a communication parameter to be set to the communication software to a server; (see col. 7, lines 56-52; col. 7, lines 14-16; col. 7, lines 34-37: communication means (i.e. software) used to locate communication parameter information, extract and process communications parameter information)

b) receiving the communication parameter transmitted from the server in response to the software identification information and the request signal; (see col. 7, lines 34-37: server transmits communication parameter information to be processed) and

c) setting the received communication parameter to the communication software. (see col. 7, lines 34-37: communications parameter set in communications module (i.e. software) for communications)

Regarding claim 17, Matsumoto discloses a program making a computer controlling an information terminal execute the steps of:

a) transmitting a user identification information specifying a user which are to obtain service through a computer network and a request signal requiring a communication parameter to be set to communication software to obtain the service to a server; (see col. 2, lines 46-49, col. 5, lines 13-19; col. 5, lines 35-37:

user identification information used to locate communication parameter information)

b) receiving the communication parameter transmitted from the server in response to the user identification information and the request signal; (see col. 7, lines 34-37: server transmits communication parameter information to be processed) and

c) setting the received communication parameter to the communication software. (see col. 7, lines 34-37: communications parameter information set in communications module (i.e. software) for communications)

Regarding claim 18, Matsumoto discloses a program making a computer execute the steps of:

a) receiving from an information terminal a request signal requiring a communication parameter for the information terminal to obtain service through a computer network; (see col. 7, lines 14-16: request for communication parameter information) and

b) transmitting the communication parameter to the information terminal in response to the request signal. (see col. 7, lines 34-37: communication parameter information transmitted and set in communication means (i.e. software))

Regarding claim 19, Matsumoto discloses a program making a computer execute the steps of:

a) receiving from an information terminal software identification information specifying communication software to be executed by the information terminal to obtain service through a computer network and a request signal requiring a communication parameter to be set to the communication software; (see col. 7, lines 56-52; col. 7, lines 14-16; col. 7, lines 34-37: communication means (i.e. software) used to locate communication parameter information, extract and process communication parameter information)

b) extracting a communication parameter corresponding to the received software identification information among communication parameters stored in a memory so as to be associated with software identification information; (see col. 5, lines 3-5; col. 7, lines 32-34: communication parameter information obtained from memory storage) and

c) transmitting the extracted communication parameter to the information terminal. (see col. 7, lines 34-37: communication parameters information transmitted and processed by communication means (i.e. software))

Regarding claim 20, Matsumoto discloses a program making a computer execute the steps of:

a) receiving from an information terminal a request signal requiring a communication parameter for the information terminal to obtain service through a computer network and user identification information specifying a user of the

information terminal; (see col. 2, lines 46-49; col. 7, lines 14-16: request for communication parameter information)

b) extracting a communication parameter corresponding to the received user identification information among communication parameters stored in a memory so as to be associated with user identification information; (see col. 5, lines 3-5; col. 7, lines 32-34: communication parameter information obtained from memory storage)) and

c) transmitting the extracted communication parameter to the information terminal. (see col. 7, lines 34-37: communication parameter information transmitted and processed by communication means (i.e. software))

Regarding claim 21, Matsumoto discloses a computer readable recording medium storing a program making a computer controlling an information terminal execute the steps of:

a) transmitting a request signal requiring a communication parameter to obtain service through a computer network to a server; (see col. 7, lines 14-16: request for communication parameter information transmitted to server)

b) receiving the communication parameter transmitted from the server in response to the request signal; (see col. 7, lines 34-37: server transmit communication parameter information to be processed) and

c) setting the received communication parameter to communication software to be executed to obtain the service through the computer network. (see col. 7, lines

34-37: communications parameter information set in communications module (i.e. software) for communications)

Regarding claim 22, Matsumoto discloses a computer readable recording medium storing a program making a computer controlling an information terminal execute the steps of:

a) transmitting a software identification information specifying communication software to be executed to obtain service through a computer network and a request signal requiring a communication parameter to be set to the communication software to a server; (see col. 7, lines 56-62: communication means (i.e. software) identification information used to locate communication parameter information)

b) receiving the communication parameter transmitted from the server in response to the software identification information and the request signal; (see col. 7, lines 34-37: server transmits communication parameter information to be processed) and

c) setting the received communication parameter to the communication software. (see col. 7, lines 34-37: communications parameter information set in communications module (i.e. software) for communications)

Regarding claim 23, Matsumoto discloses a computer readable recording medium storing a program making a computer controlling an information terminal execute the steps of:

a) transmitting a user identification information specifying a user which are to obtain service through a computer network and a request signal requiring a communication parameter to be set to communication software to obtain the service to a server; (see col. 2, lines 46-49, col. 5, lines 13-19; col. 5, lines 35-37: user identification information used to locate communication parameter information)

b) receiving the communication parameter transmitted from the server in response to the user identification information and the request signal; (see col. 7, lines 34-37: server transmits communication parameter information to be processed) and

c) setting the received communication parameter to the communication software. (see col. 7, lines 34-37: communications parameter information set in communications module (i.e. software) for communications)

Regarding claim 24, Matsumoto discloses a computer readable recording medium storing a program making a computer execute the steps of:

a) receiving from an information terminal a request signal requiring a communication parameter for the information terminal to obtain service through a computer network; (see col. 2, lines 46-49; col. 7, lines 14-16: request for communication parameter information) and

b) transmitting the communication parameter to the information terminal in response to the request signal. (see col. 7, lines 34-37: communication parameter information transmitted and processed by communication means (i.e. software))

Regarding claim 25, Matsumoto discloses a computer readable recording medium storing a program making a computer execute the steps of:

a) receiving from an information terminal software identification information specifying communication software to be executed by the information terminal to obtain service through a computer network and a request signal requiring a communication parameter to be set to the communication software; (see col. 7, lines 56-52; col. 7, lines 14-16; col. 7, lines 34-37: communication means (i.e. software) used to locate communication parameter information, extract and process communication parameter information)

b) extracting a communication parameter corresponding to the received software identification information among communication parameters stored in a memory so as to be associated with software identification information; (see col. 7, lines 32-34: communication parameter information obtained from memory storage)) and

c) transmitting the extracted communication parameter to the information terminal. (see col. 7, lines 34-37: communication parameter information transmitted and processed by communication means (i.e. software))

Regarding claim 26, Matsumoto discloses a computer readable recording medium storing a program making a computer controlling execute the steps of:

a) receiving from an information terminal a request signal requiring a communication parameter for the information terminal to obtain service through a computer network and user identification information specifying a user of the information terminal; (see col. 2, lines 46-49; col. 7, lines 14-16: request for communication parameter information)

b) extracting a communication parameter corresponding to the received user identification information among communication parameters stored in a memory so as to be associated with user identification information; (see col. 7, lines 32-34: communication parameter information obtained from memory storage)) and

c) transmitting the extracted communication parameter to the information terminal. (see col. 7, lines 34-37: communication parameter information transmitted and processed by communication means (i.e. software))

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kyung H. Shin whose telephone number is (571) 272-3920. The examiner can normally be reached on 9 am - 7 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KHS
Kyung H Shin
Patent Examiner
Art Unit 2143

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Apr 21, 2005

WILLIAM C. VAUGHN, JR.
PRIMARY EXAMINER